

PRODUCT NAME: OXI CLEAN**HMIS CODES:** H F R P**PRODUCT CODE:**

1 2 0

PREPARED FOR: ORANGE GLO INTERNATIONAL**===== SECTION I - MANUFACTURER IDENTIFICATION =====**

MANUFACTURER'S NAME: Cygnus Corporation
ADDRESS: 340 E 138th Street
Chicago, IL 60627

EMERGENCY PHONE: 303-740-1909**DATE PRINTED:** 01/06/2000**INFORMATION PHONE:** 303-740-1909**NAME OF PREPARER:** ESP**===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====**

A white granular solid that is an irritant to the eyes, skin and respiratory tract.

Not flammable, but damp material decomposes exothermically

Contamination may cause decomposition.

Potential health effects:

Eye: Extremely irritating to the eyes and may cause severe damage.

Skin: Slightly irritating to the skin

Ingestion: Harmful if swallowed

Inhalation: Inhalation of Oxiclean dust may cause irritation to mucous membranes and the respiratory tract

Chronic: Not listed as a carcinogen by ACGIH, IARC, NTP, OSHA

***** No toxic chemical(s) subject to the reporting requirements of section 313 of title III and of 40 cfr 372 are present *****

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

Physical State: Solid

Appearance: White granular solid

Odor: None

Solubility in Water: 140 g/L @ 75 deg F

Bulk Density: 1.0-1.2 g/cc

Melting Point: Not Applicable - can decompose above 55 deg C

Flash Point: Not Applicable

===== SECTION IV - PRECAUTIONS FOR SAFE HANDLING AND USE =====**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

SWEEP UP WITH BROOM AND DUSTPAN

WASTE DISPOSAL METHOD

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. BEFORE ATTEMPTING CLEAN UP, REFER TO OTHER SECTIONS OF THIS MSDS FOR HAZARD AND CAUTION INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE AND USE IN COOL, DRY AREAS. DO NOT STORE ABOVE 120 DEG F. DO NOT SPRAY IN EYES. DO NOT TAKE INTERNALLY. SEE PRODUCT LABEL FOR ADDITIONAL INFORMATION.

MATERIAL SAFETY DATA SHEET

OXI CLEAN

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=====SECTION V – CONTROL MEASURES=====

RESPIRATORY PROTECTION

NONE UNDER NORMAL USE AVOID BREATHING DUST IN RESTRICTED AREAS, USE APPROVED CHEMICAL/MECHANICAL FILTERS DESIGNED TO REMOVE A COMBINATION OF PARTICLES AND VAPOR. IN CONFINED AREAS, USE APPROVED AIR LINE TYPE RESPIRATOR OR HOOD

PROTECTIVE GLOVES

NONE UNDER NORMAL USE.

EYE PROTECTION

NONE UNDER NORMAL USE. HOWEVER, USE OF SAFETY GLASSES WITH SPLASH GUARDS OR FULL FACE SHEILD IS RECOMMENDED

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

NONE UNDER NORMAL USE

WORK/HYGENIC PRACTICES

EYE WASHES AND SAFETY SHOWERS IN THE WORKPLACE ARE RECOMMENDED

=====SECTION VI – STABILITY AND REACTIVITY=====

Stability: Stable Heat or contamination can cause decomposition

Incompatibility: Avoid contact with strong acids, strong alkalis, and reducing agents
Avoid contact with decomposition catalysts, such as the majority of metals and their salts.

Hazardous decomposition products: Decomposition produces heat and oxygen

Polymerization: Does not polymerize

=====SECTION VII – TOXICOLOGICAL INFORMATION=====

Acute Toxicity:

Ingestion: LD 50 1034 mg/kg – rat-sexes combined.

Inhalation: Excessive exposure may result in irritation to mucous membrane and respiratory tract.

Skin Contact: LD 50 > 2000 mg/kg – dermal, rabbit

Eye Contact: Extremely irritating to the eyes and may cause severe damage

Chronic Toxicity:

Routes of Entry: Primary routes of entry are inhalation and ingestion

Carcinogenicity: Not recognized as a carcinogen by ACGIH IARC, NTP, OSHA

Mutagenicity: No data on mutagenicity for Oxi Clean. The Product decomposes to form hydrogen peroxide which in vitro was shown to be mutagenic without metabolic activation and generally not mutagenic with metabolic activation

=====SECTION VIII – ECOLOGICAL INFORMATION=====

General:

Degradation: Decomposes readily to sodium carbonate and hydrogen peroxide. The latter quickly decomposes to water and oxygen.

Aquatic toxicity:

Acute Fish: (*Pimephales promelas*): LC 50 (96h)=70.7 mg/L

Acute Daphnia: (*Daphnia Pulex*): LC 50 (48h)=4.9 mg/L

=====SECTION IX – TRANSPORT INFORMATION=====

Not a DOT hazardous material.

Shipping containers: Multiwall bags, fiber drums, plastic pails.

=====SECTION X – REGULATORY INFORMATION=====

TSCA inventory list: Yes

CERCLA hazardous substance: No

Reportable quantity: None

SARA, Title III:

Section 302 extremely hazardous substance: No

Threshold planning quantity: None

Section 311 hazardous chemical: Yes

Section 313 toxic chemical: No

=====OTHER INFORMATION=====

HMIS RATING: HEALTH – 2*

FLAMMABILITY – 0

REACTIVITY – 1

PPE – REQUIRED

NFPA RATING: HEALTH – 2*

FLAMMABILITY – 0

REACTIVITY – 1

HMIS and NFPA ratings for Health represent the overall moderate health hazard for this product. The product represents a serious hazard to eyes.

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